

IN THE CLAIMS:

① 1. (Currently Amended) A method for browsing a moving picture comprising:
receiving moving picture information and multiple supplementary information
including content information and real information on a program in the moving picture
information on at least one object in the moving picture information;
separating the moving picture information and the multiple supplementary
information;
displaying the moving picture information; and,
browsing/ searching supplementary information related to a particular object from the
multiple supplementary information, and displaying the supplementary information when a
user requests for browsing/searching the supplementary information related to the particular
object, wherein:

content information is information on a place or an object having
meaning in view of content of the moving picture; and

real information is information on a real place which is a meaningful
place in view of the content of the moving picture.

2. (Cancelled)

3. (Previously Amended) A method as claimed in claim 19, wherein the content information and the real information includes selective combinations of object information, event information, place information, and object/event/place in a graph.

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4. (Original) A method as claimed in claim 3, wherein the content information and the real information includes;

text information describing character of the object, and
image or graphic information on the character.

5. (Previously Amended) A method as claimed in claim 3, wherein the object information includes;

text information having information describing the object, and
an image illustrating the text information.

6. (Original) A method as claimed in claim 3, wherein the event information includes;

text information describing contents of the event, and
information on a place or a sketch map the event occurred.

7. (Original) A method as claimed in claim 3, wherein the place information includes;

text information describing the place, and
information on location or a sketch map of the place.

8. (Currently Amended) A multi-level object data structure in a system for displaying moving picture information, wherein:

the object data comprises multiple supplementary information on each object included in the moving picture information, wherein the multiple supplementary information further includes content information and real information on a particular program;

content information is information on a place or an object having meaning in view of content of the moving picture; and

real information is information on a real place which is a meaningful place in view of the content of the moving picture.

9. (Previously Amended) A multi-level object data structure as claimed in claim 8, wherein the content information and the real information includes selective combinations of semantic information which represents object information, event information, place information, and semantic information representing relations of object/event/place information in a graph.

10. (Original) A multi-level object data structure as claimed in claim 9, wherein the content information and the real information includes;

text information describing character of the object, and

image or graphic information on the character.

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11. (Previously Amended) A multi-level object data structure as claimed in claim 9, wherein the object information includes;

text information having information describing the object, and

an image illustrating the text information.

12. (Original) A multi-level object data structure as claimed in claim 9, wherein the event information includes;

text information describing contents of the event, and

information on a place or a sketch map the event occurred.

13. (Original) A multi-level object data structure as claimed in claim 9, wherein the place information includes;

text information describing the place, and

information on location or a sketch map of the place.

14. (Currently Amended) A multi-level object data structure describing a moving picture in an object description scheme for providing information on an object appearing in the moving picture, a place description scheme for providing information on a place required for describing a particular unit of event in the moving picture, and a relation graph description scheme of the object/event/place, and,

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cont describing the moving picture in a dual structure including content information and real information of the moving picture on at least one relation for each of the relations or a selected element, wherein:

content information is information on a place or an object having meaning in view of content of the moving picture; and

real information is information on a real place which is a meaningful place in view of the content of the moving picture.

15. (Previously Amended) A multi-level object data structure as claimed in claim 14, wherein each of the object description scheme, the place description scheme, and the event description scheme, including content information and real information of the moving picture, are expressed in text information describing at least object name, place name, and event.

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16. (Original) A multi-level object data structure as claimed in claim 14, wherein the content information on the moving picture is information on a place or an object having a meaning in view of content of the moving picture, and the real information is information on a real place which is meaningful place in view of the content of the moving picture, or on actual performer cast an object in the moving picture.

17. (Currently Amended) A system for browsing a moving picture comprising:
means for supplying moving picture information including multiple object information having content based meaningful object information of the moving picture and real information of the object;
means for receiving the moving picture information;
means for presenting real object information included in the multiple object information in response to a users request, wherein:

content based meaningful object information is information on a place or an object having meaning in view of content of the moving picture; and
real information is information on a real place which is a meaningful place in view of the content of the moving picture.

18. (Previously Amended) A system as claimed in claim 17,
wherein the multiple object information are provided for each of the object, the
place, and the event,
wherein the means for presenting real object information provides real information
on an object cast in the moving picture or real place information on the place which is a
background of an event.

19. (Cancelled)

20. (Currently Amended) A method comprising receiving supplemental information
specific to each object of a plurality of objects included in moving picture data, wherein:
said each object of the plurality of objects is at least one of a person, a place, and a
thing; and
the supplemental information includes real information and content information,
wherein:

content information is information on a place or an object having
meaning in view of content of the moving picture; and
real information is information on a real place which is a meaningful
place in view of the content of the moving picture.

21. (Cancelled)

22. (Cancelled)

23. (Previously Added) The method of claim 20, wherein the person is at least on of:
a person whose image is captured, depicted, or illustrated on the moving picture data;
a person whose voice is being captured, depicted, or illustrated on the moving picture

data; and

a person who is associated with the production of the moving picture data.

24. (Previously Added) The method of claim 20, wherein the place is the location
captured, depicted, or illustrated on the moving picture data.

25. (Previously Added) The method of claim 20, wherein the thing is at least one of:
sound captured on the moving picture data;
an object captured, depicted, or illustrated on the moving picture data; and
an attribute of the moving picture data.

26. (Previously Added) The method of claim 25, wherein the sound captured is at least one of a musical song, a natural sound, or verbal language.

27. (Currently Amended) An apparatus configured to receive supplemental information specific to each object of a plurality of objects included in moving picture data, wherein:

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the each object of the plurality of objects is at least one of a person, a place, and a thing; and

the supplemental information includes real information and content information, wherein:

content information is information on a place or an object having meaning in view of content of the moving picture; and

real information is information on a real place which is a meaningful place in view of the content of the moving picture.

28. (Cancelled)

29. (Cancelled)

30. (Previously Added) The apparatus of claim 27, wherein the person is at least one of:

a person whose image is captured, depicted, or illustrated on the moving picture data;

a person whose voice is being captured, depicted, or illustrated on the moving picture data; and

a person who is associated with the production of the moving picture data.

31. (Previously Added) The apparatus of claim 27, wherein the place is the location captured, depicted, or illustrated on the moving picture data.

32. (Previously Added) The apparatus of claim 27, wherein the thing is at least one of:

sound captured on the moving picture data;

an object captured, depicted, or illustrated on the moving picture data; and

an attribute of the moving picture data.

33. (Previously Added) The apparatus of claim 32, wherein the sound captured is at least one of a musical song, a natural sound, or verbal language.
